



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of	)	HANSE, et al.
	)	
Title	)	THERMAL SHOCK RESISTANT
	)	CASTING ELEMENT AND
	)	MANUFACTURING PROCESS THEREOF
	)	
Serial Number	)	10/509,501
	)	
Filing Date	)	September 28, 2004
	)	
Art Unit	)	1725
	)	
Examiner	)	Lin, Ing Hour
	)	
Attorney Docket No.	)	1396

**RESPONSE TO OFFICE ACTION PURSUANT TO 37 C.F.R. §1.111 AND REQUEST  
FOR CONTINUING EXAMINATION PURSUANT TO 37 C.F.R. §1.114**

To: Mail Stop RCE  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicants hereby respond to the Final Office Action mailed on March 1, 2006 setting a shortened statutory period of response of three months, thus bringing the deadline for response to June 1, 2006. The Examiner mailed an advisory action dated May 15, 2006, bringing the deadline for response to June 15, 2006. The Examiner also mailed a Notice of Non-Compliant Amendment on June 9, 2006. The Applicants hereby respond to all of the above actions. The Director is authorized to charge all necessary fees to Deposit Account No. 220281.

Applicants also hereby file a Request for Continuing Examination pursuant to 37 C.F.R. §1.114. The Director is authorized to charge all necessary fees, including the Request fee, to Deposit Account No. 220281

In response to the Office Action mailed March 1, 2006, please consider the following remarks regarding the currently rejected claims.